

Abstract

There is provided a safe image display apparatus for projecting an image on a screen that can minimize a stimulus to eyes, retinae and optic nerves from projected light entering into the eyes directly. By comparing a displayed image captured by a camera with an input image signal, a changed area is detected as a difference area and, then, a projected image signal is generated wherein a picture area image signal in the input image signal that corresponds to this difference area is masked by a black signal. The obtained projected image signal is projected onto the screen.